

393821119421408 Local number 085 N21 E20 35DCBA9 LYSIMETER 4 SHALLOW

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'21.2", long 119°42'14.2" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 5 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	1030	Interstitial water	1,110	100	1.32	55.8	.812	55.2
Nov								
02...	1013	Interstitial water	1,210	105	13.7	19.3	1.36	31.1
02...	1018	Replicate	1,220	104	13.6	19.0	1.44	33.9
Dec								
07...	1045	Interstitial water	1,090	99.8	34.5	<.06	E.005	39.6
Mar								
01...	1122	Interstitial water	1,260	114	40.7	<.06	<.008	46.9
Apr								
07...	1243	Interstitial water	1,300	116	43.2	<.06	<.008	47.3
May								
04...	1209	Interstitial water	1,120	118	43.8	<.06	<.008	47.8
Jun								
01...	1214	Interstitial water	1,350	118	44.4	.06	.010	50.4
Jul								
06...	1138	Interstitial water	1,340	122	50.5	.11	.016	53.1
Aug								
02...	1208	Interstitial water	1,250	120	47.5	.09	.046	49.5
Sep								
07...	0917	Interstitial water	1,170	125	48.4	.09	.016	52.4

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltred, mg/L (00940)	Ammonia water, fltred, mg/L as N (00608)	Nitrite + nitrate water fltred, mg/L as N (00631)	Nitrite water, fltred, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
04...	0917	Interstitial water	1,510	123	53.6	.09	.036	55.7
Nov								
01...	1058	Interstitial water	1,120	131	52.2	.07	.014	52.5
29...	0915	Interstitial water	1,360	124	47.8	.09	<.008	49.6
Dec								
21...	1400	Interstitial water	1,250	127	48.0	.07	.010	52.6